	Type	Hits	Search Text	DBs	Time Stamp
1	BRS	1309	biometric	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/08/31 06:39
2	BRS	919	biometric and identif$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/08/31 06:39
3	BRS	582	biometric and identif?	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/08/31 06:39
4	BRS	318	(biometric and identif$) and transaction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/08/31 06:41
5	BRS	893	705/26.ccls. or 705/18.ccls. or 705/42.ccls. or 705/43.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/08/31 06:42
6	BRS	295	((biometric and identif$) and transaction) not (705/26.ccls. or 705/18.ccls. or 705/42.ccls. or 705/43.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/08/31 06:42

08/31/2001, EAST Version: 1.02.0008

	Type	Hits	Search Txt	DBs	Tim Stamp
1	BRS	444	biometric adj2 identification	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/17 11:46
2	BRS	67	(biometric adj2 identification) and unknown	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/17 11:47
3	BRS	19	((biometric adj2 identification) and unknown) and (@pd<19970311 or @ad<19970311 or @prad<19970311 or @rlad<19970311)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/10/17 11:49

EAST SEARCH

Inventors' foreign patents – Search results

Set	Items	Description
S1	33	AU="HOFFMAN N"
S2	12	AU="HOFFMAN N E":AU="HOFFMAN N R"
S3	1	AU="PARE D"
S4	17	AU="PARE D F"
S5	56	AU="LEE J A"
S6	6250	AU="LEE J"
S7	1	AU="LEE JONATHON A"
S8	7	AU="LAPSLEY P D"
S9	4	S1:S2 AND S3:S4 AND S5:S7 AND S8
S10	6332	S1:S8 NOT S9
S11	445	BIOMETRIC? ?
S12	15	S10 AND S11
S13	15	IDPAT (sorted in duplicate/non-duplicate order)
S14	15	IDPAT (primary/non-duplicate records only)

9/7/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.
013831690   **Image available**
WPI Acc No: 2001-315902/200133
 Tokenless biometric identification computer system has sound generator
 and transducer to playback stored audio signature to user to identify
 transaction processor entity involved in electronic transaction
Patent Assignee: SMARTTOUCH INC (SMAR-N)
Inventor: HOFFMAN N ; LAPSLEY P D ; LEE J A ; PARE D F
Number of Countries: 093 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200106440	A1	20010125	WO 2000US19977	A	20000720	200133	B
AU 200063645	A	20010205	AU 200063645	A	20000720	200134	

Priority Applications (No Type Date): US 99357718 A 19990720
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200106440	A1	E	28	G06F-017/60	

    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
    KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
    RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
AU 200063645 A   G06F-017/60   Based on patent WO 200106440
Abstract (Basic): WO 200106440 A1
     NOVELTY - The system has sound generator which generates analog or
  digital signal from stored audio signature. The signal is converted by
  a transducer to a playback audio signature which is played back to the
  user to identify the transaction processor entity involved in
  electronic transaction. No man made personal devices such as credit
  cards, identity cards are used during identification.
     DETAILED DESCRIPTION - The system has database containing
  registered biometric samples of user's. A comparator compares bid
  biometric sample of user to a sample obtained directly from user during
  identification to conduct electronic transaction by the user. The

```
Set      Items    Description
S1          30    AU="HOFFMAN NED"
S2          26    AU="PARE DAVID":AU="PARE DAVID FERRIN JR"
S3          33    AU="LEE JONATHAN":AU="LEE JONATHAN ALEXANDER"
S4           1    AU="LEE JONATHON A"
S5           8    AU="LAPSLEY PHILIP D":AU="LAPSLEY PHILIP DEAN"
S6           4    S1 AND S2 AND S3:S4 AND S5
S7          38    S1:S5 NOT S6
S8        1570    BIOMETRIC? ?
S9          20    S7 AND S8
S10         20    IDPAT (sorted in duplicate/non-duplicate order)
S11         13    IDPAT (primary/non-duplicate records only)
```

11/3,AB/1   (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.
01280323
SYSTEM AND METHOD FOR PROCESSING TOKENLESS BIOMETRIC ELECTRONIC
   TRANSMISSIONS USING AN ELECTRONIC RULE MODULE CLEARINGHOUSE
SYSTEME ET PROCEDE PERMETTANT DE TRAITER DES TRANSMISSIONS ELECTRONIQUES
   BIOMETRIQUES SANS AUTHENTIFICATION PAR L'UTILISATION D'UN CENTRE DE
   MODULES DE REGLEMENT ELECTRONIQUES
PATENT ASSIGNEE:
  Veristar Corporation, (3174610), 727 Allston Way, Berkeley, CA 94710,
     (US), (Applicant designated States: all)
INVENTOR:
  HOFFMAN, Ned , 977 Daniel Street, Sebastopol, CA 95472, (US)
  LAPSLEY, Philip, Dean , 6029 Hillegass Avenue, Oakland, CA 94618, (US
PATENT (CC, No, Kind, Date):
                           WO 200120531 010322
APPLICATION (CC, No, Date):   EP 2000974110 000915; WO 2000US40910 000915
PRIORITY (CC, No, Date): US 398914 990916
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
   LU; MC; NL; PT
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-017/60
LANGUAGE (Publication,Procedural,Application): English; English; English

11/3,AB/10   (Item 10 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2001 WIPO/MicroPat. All rts. reserv.
00596196
USE SENSITIVE TOKENLESS IDENTIFICATION SYSTEM
SYSTEME D'IDENTIFICATION SANS JETON LIE A L'UTILISATION
Patent Applicant/Assignee:
SMARTTOUCH, INC. , Suite 12, 46 Shattuck Square, Berkeley, CA 94704 , US
Inventor(s):
PARE, David, Ferrin, Jr. , Suite 12, 46 Shattuck Square, Berkeley, CA 94704 , US
LEE, Jonathan, Alexander , Suite 12, 46 Shattuck Square, Berkeley, CA 94704 , US
HOFFMAN, Ned , Suite 12, 46 Shattuck Square, Berkeley, CA 94704 , US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9841947 A1 19980924
  Application: WO 98US5236 19980317 (PCT/WO US9805236)
  Priority Application: US 97818872 19970317
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
   FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN

File 15:ABI/Inform(R) 1971-2001/Aug 14
File   9:Business & Industry(R) Jul/1994-2001/Aug 13
File 623:Business Week 1985-2001/Aug W2
File 810:Business Wire 1986-1999/Feb 28
File 275:Gale Group Computer DB(TM) 1983-2001/Aug 10
File 624:McGraw-Hill Publications 1985-2001/Aug 13
File 636:Gale Group Newsletter DB(TM) 1987-2001/Aug 13
File 621:Gale Group New Prod.Annou.(R) 1985-2001/Aug 13
File 813:PR Newswire 1987-1999/Apr 30
File 16:Gale Group PROMT(R) 1990-2001/Aug 13
File 160:Gale Group PROMT(R) 1972-1989
File 148:Gale Group Trade & Industry DB 1976-2001/Aug 13
File 20:World Reporter 1997-2001/Aug 14
File 634:San Jose Mercury Jun 1985-2001/Aug 05
File 47:Gale Group Magazine DB(TM) 1959-2001/Aug 13
File 635:Business Dateline(R) 1985-2001/Aug 14
File 570:Gale Group MARS(R) 1984-2001/Aug 13

Set	Items	Description
S1	54720	FINGERPRINT? OR FINGER()PRINT? ?
S2	4071	HANDPRINT? OR HAND()PRINT? ?
S3	2211170	EYE OR RETINA? ? OR IRIS OR VOICE
S4	1975783	FACE OR FACIAL
S5	27704	BIOMETRIC? ?
S6	356184	SHOPPER? ?
S7	7616086	CUSTOMER? ?
S8	4736297	CONSUMER? ?
S9	1513424	BUYER? ?
S10	3080844	CLIENT? ?
S11	258150	PURCHASER? ?
S12	2426603	TRANSACTION? ?
S13	615582	S1:S5(S)S6:S12
S14	1310	S5(3N)S6:S12 AND S5(S)S6:S12
S15	314	S14/2001
S16	402	S14/2000
S17	268	S14/1999
S18	129	S14/1998
S19	416183	PD=971103:971231
S20	184	S14 NOT S15:S19
S21	100	RD (unique items)
S22	47	S5/TI,DE AND S21
S23	47	Sort S22/ALL/PD,D

23/3,AB/3   (Item 3 from file: 810)
DIALOG(R)File 810:Business Wire
0737159   BW0010
IDENTIX INC: Identix Wins Major South American Bank Project; Believed to Be
World's First Fingerprint-Based Biometric Banking Customer Verification System
August 20, 1997
Byline: Business Editors and Hi-Tech Writers

23/3,AB/14   (Item 14 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
01821230
Citibank Looks Biometrics Right In The Eye
(Citibank will invest $3 mil to develop iris-scanning biometric devices

1

```
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200145
File 344:CHINESE PATENTS ABS APR 1985-2001/Jul
File 347:JAPIO OCT 1976-2001/Apr(UPDATED 010813)
File 371:French Patents 1961-2001/BOPI 200132
Set    Items    Description
S1      6229     FINGERPRINT? OR FINGER()PRINT? ?
S2       104     HANDPRINT? OR HAND()PRINT? ?
S3    137830     EYE OR RETINA? ? OR IRIS OR VOICE
S4    699107     FACE OR FACIAL
S5       445     BIOMETRIC? ?
S6       403     SHOPPER? ?
S7     27577     CUSTOMER? ?
S8     14892     CONSUMER? ?
S9       959     BUYER? ?
S10    16954     CLIENT? ?
S11     1948     PURCHASER? ?
S12    21675     TRANSACTION? ?
S13     3606     S1:S5 AND S6:S12
S14      309     S1:S5 AND S6:S11 AND S12
S15    835856    AD=1999?/PR
S16   1061396    AD=1998?/PR
S17    77565     AD=2000?/PR
S18     3755     AD=2001?/PR
S19      234     S14 NOT S15:S18
S20        5     S5 AND S19
```

```
20/7/2      (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.
012565312     **Image available**
WPI Acc No: 1999-371418/199931
 Stand alone biometrics verification arrangement e.g. for ATM
Patent Assignee: KELLER R (KELL-I); SOLTESZ J A (SOLT-I)
Inventor: KELLER R; SOLTESZ J A
Number of Countries: 084  Number of Patents: 003
Patent Family:
Patent No      Kind   Date      Applicat No      Kind   Date      Week
WO 9930267     A1     19990617  WO 98US25709     A      19981208  199931  B
AU 9918031     A      19990628  AU 9918031       A      19981208  199946
EP 1038255     A1     20000927  EP 98962890      A      19981208  200048
                                WO 98US25709     A      19981208
Priority Applications (No Type Date): US 9767876 A 19971208
Patent Details:
Patent No  Kind Lan Pg   Main IPC     Filing Notes
WO 9930267     A1 E  29  G06K-005/00
    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
    LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
    TJ TM TR TT UA UG UZ VN YU ZW
    Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
    IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
AU 9918031     A       G06K-005/00   Based on patent WO 9930267
EP 1038255     A1 E    G06K-005/00   Based on patent WO 9930267
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
    LU MC NL PT SE
Abstract (Basic): WO 9930267 A1
        NOVELTY - The arrangement comprises a housing, a biometrics
```

reader is arranged to obtain biometrics data from a customer
present at the housing. A second reader inputs biometrics data stored
on WORM optical card carried by the user. Customer input biometrics
data is compared with stored biometrics data and authorizes a
transaction based on results of the transaction . Authorization of
transactions based n the input and stored biometrics data may be
carried out without connection to a central database or an on site
database of biometrics data.

  DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a stand
alone kiosk with registration capabilities.

  USE - For ATM.

  ADVANTAGE - Provides kiosk capable of biometric verification
without connection to central database or need for on site database of
biometrics data. Provides greater range of services. Requires small
space, simple to operate and can be used for wide variety of
transactions and shared by multiple service providers.

  DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of
a kiosk constructed in accordance with the principles of a first
preferred embodiment of the invention.

       pp; 29 DwgNo 1/4

Derwent Class: S05; T04
International Patent Class (Main): G06K-005/00

    20/7/5   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.
06103841   **Image available**
ASSOCIATIVE TRANSACTION SYSTEM
PUB. NO.:   11-045364 [JP 11045364 A]
PUBLISHED: February 16, 1999 (19990216)
INVENTOR(s): SHIGEMI KAZUHIKO
APPLICANT(s): OKI ELECTRIC IND CO LTD
APPL. NO.:   09-218021 [JP 97218021]
FILED: July 29, 1997 (19970729)

                        ABSTRACT
PROBLEM TO BE SOLVED: To simplify the procedure that a customer follows to
operate an automatic-transaction device by automatically identifying the
customer without rerequiring various operations for the identification.
SOLUTION: When a customer 1 inputs transaction information by using a
preterminal device 10, its contents are stored in a transaction information
storage part 15. At the same time, the preterminal device 10 stores biometric
data on the customer 1 in a memory 13. When the customer 1 starts the
transaction by operating the automatic transaction device 20, a customer
identifying process part 22 acquires the biometric data on the customer 1 and
inquires the customer identification of the preterminal device 10. Once the
customer is identified, the transaction is carried out on the automatic
transaction device 20 according to the transaction information stored in the
preterminal device 10.
COPYRIGHT: (C)1999,JPO

File 348:EUROPEAN PATENTS 1978-2001/AUG W01
File 349:PCT Fulltext 1983-2001/UB=20010802, UT=20010726
Set   Items   Description
S1   6393   FINGERPRINT? OR FINGER()PRINT? ?
S2   180   HANDPRINT? OR HAND()PRINT? ?
S3   82430   EYE OR RETINA? ? OR IRIS OR VOICE

```
S4      234450   FACE OR FACIAL
S5        1570   BIOMETRIC? ?
S6         811   SHOPPER? ?
S7       29829   CUSTOMER? ?
S8       39003   CONSUMER? ?
S9        2401   BUYER? ?
S10      17169   CLIENT? ?
S11       3965   PURCHASER? ?
S12      27742   TRANSACTION? ?
S13        587   S1:S5(S)S6:S11(S)S12
S14        273   AD=2001?/PR
S15      28021   AD=2000?/PR
S16     218633   AD=1999?/PR
S17     193134   AD=1998?/PR
S18        264   S13 NOT S14:S17
S19         29   S5 AND S18
S20         29   IDPAT (sorted in duplicate/non-duplicate order)
S21         28   IDPAT (primary/non-duplicate records only)
```

21/3,AB/2   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.
00942632
Portable shopping and order fulfillment system
Tragbares Einkaufs- und Bestellungsausfuhrungssystem
Systeme portable d'achats et d'execution de commande
PATENT ASSIGNEE:
  SYMBOL TECHNOLOGIES, INC., (417665), One Symbol Plaza, Holtsville, New
    York 11742-1300, (US), (applicant designated states:
    AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
  Beach, Robert, 1850 Middleton Avenue, Los Altos, CA 94204, (US)
  Tracy, William X., 33 Bellmore Street, Floral Park, NY 11001, (US)
  Roslak, Thomas K., 34 Andy's Lane, Eastport, NY 11941, (US)
  Klein, John, 220 La Via Azul Ct., Morgan Hill, CA 95037, (US)
LEGAL REPRESENTATIVE:
  Wagner, Karl H., Dipl.-Ing. et al (12561), WAGNER & GEYER Patentanwalte
    Gewurzmuhlstrasse 5, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 856812 A2 980805 (Basic)
                              EP 856812 A3 990506
APPLICATION (CC, No, Date):   EP 97122695 971222;
PRIORITY (CC, No, Date): US 780023 961220; US 866690 970530
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: G06K-017/00;
ABSTRACT EP 856812 A2

    The present invention relates to an improved order fulfillment system.
    The system is provided with improved data entry system for selecting
    items for purchase by a customer, and an improved item collection
    terminal and order delivery system. The portable terminal to be used for
    collecting of items is provided with an audio as well as video
    presentation means which are used to provide assistance to the to
    terminal user.
ABSTRACT WORD COUNT: 70
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
     CLAIMS A   (English)   9832   1856